

- 1 1. A method of displaying alert information in a network, comprising:  
2 storing performance information for network objects at predetermined time  
3 intervals; and  
4 displaying a summary view including a plurality of cells corresponding to  
5 respective periods of time, the cells including an alert status indication for the network  
6 objects.  
7
- 8 2. The method according to claim 1, further including displaying a first region  
9 corresponding to a first network object type, wherein the plurality of cells includes a first  
10 series of cells providing alert information for one or more objects of the first object type.  
11
- 12 3. The method according to claim 2, further including displaying a second region  
13 corresponding to a second network object type, wherein the plurality of cells includes a  
14 second series of cells providing alert information for one or more objects of the second  
15 object type.  
16
- 17 4. The method according to claim 3, further including displaying alert information  
18 for all first object type devices in the first region and for selected ones of the first object  
19 type devices.  
20
- 21 5. The method according to claim 4, wherein the selected ones of the first object type  
22 correspond to a user-created group of objects.  
23
- 24 6. The method according to claim 1, further including displaying a first time/date  
25 box and a second time/date box, and displaying alert information for a time period  
26 corresponding to the first time/date box.  
27

- 1     7.     The method according to claim 6, further including displaying alert information  
2     for a time period corresponding to the second time/date box for comparison to the alert  
3     information for the first time/date.
- 4     8.     The method according to claim 7, further including receiving a date selection for  
5     the second date.
- 6
- 7     9.     The method according to claim 1, further including receiving a user selection of  
8     the predetermined interval for performance data collection.
- 9
- 10    10.    The method according to claim 1, further including receiving a user selection of  
11    the cell time period.
- 12
- 13    11.    The method according to claim 1, wherein the alert information includes at least a  
14    no alert status and alert status.
- 15
- 16    12.    The method according to claim 1, wherein the alert information includes at least a  
17    no alert status, a medium alert status and a critical alert status.
- 18
- 19    13.    The method according to claim 1, further including displaying a topographical  
20    map including a plurality of regions for displaying respective network object types  
21    associated with one or more alerts, the map corresponding to a particular cell in the  
22    summary view.
- 23
- 24    14.    The method according to claim 13, wherein the particular cell is selected by a  
25    user.
- 26
- 27    15.    The method according to claim 13, further including displaying a graph of  
28    performance data for one or more of the network objects.
- 29

1 16. The method according to claim 15, further including displaying a threshold  
2 associated with the performance data for the one or more network objects.

3  
4 17. The method according to claim 15, further including displaying statistical band  
5 information for the performance data.

6 18. The method according to claim 1, further including determining at least one root  
7 potential root cause of one or more alerts.

8  
9 19. An article, comprising:  
10 a storage medium having stored thereon instructions that when executed by a  
11 machine result in the following:  
12 storing performance information for network objects at predetermined time  
13 intervals;  
14 determining at least one potential root cause of one or more alerts in the network;  
15 and  
16 displaying a summary view including a plurality of cells corresponding to periods  
17 of time, the cells including an alert status indication for the network objects.

18  
19 20. The article according to claim 19, further including displaying a first region  
20 corresponding to a first network object type, wherein the plurality of cells includes a first  
21 series of cells providing alert information for one or more objects of the first object type.

22  
23 21. The article according to claim 20, further including displaying a second region  
24 corresponding to a second network object type, wherein the plurality of cells includes a  
25 second series of cells providing alert information for one or more objects of the second  
26 object type.

27  
28 22. The article according to claim 20, further including displaying alert information  
29 for all first object type devices in the first region and for selected ones of the first object  
30 type devices.

- 1     23.     The article according to claim 19, further including displaying a first date box and  
2     a second date box, and displaying alert information for the first date.  
3
- 4     24.     The article according to claim 23, further including displaying alert information  
5     for the second date for comparison to the alert information for the first date.  
6
- 7     25.     The article according to claim 19, further including receiving a user selection of  
8     the cell time period.  
9
- 10    26.     The article according to claim 19, wherein the alert information includes at least a  
11    no alert status and alert status.  
12
- 13    27.     The article according to claim 19, further including displaying a topographical  
14    map including a plurality of regions for displaying respective network object types  
15    associated with one or more alerts, the map corresponding to a particular cell in the  
16    summary view.  
17
- 18    28.     The article according to claim 27, further including displaying a graph of  
19    performance data for one or more of the network objects.  
20
- 21    29.     The article according to claim 28, further including displaying statistical band  
22    information for the performance data.  
23
- 24    30.     The article according to claim 28, further including displaying performance data  
25    for a metric selected by a user.  
26
- 27    31.     A computer system, comprising:  
28           a processor;  
29           a display coupled to the processor; and

1 a memory coupled to the processor; wherein the memory includes stored  
2 instructions that when executed result in the following:  
3 storing performance information for network objects at predetermined time  
4 intervals;  
5 determining at least one potential root cause of one or more alerts in the network;  
6 and  
7 displaying a summary view including a plurality of cells corresponding to periods  
8 of time, the cells including an alert status indication for the network objects.  
9

10 32. The system according to claim 31, further including displaying a first region  
11 corresponding to a first network object type, wherein the plurality of cells includes a first  
12 series of cells providing alert information for one or more objects of the first object type.  
13

14 33. The system according to claim 32, further including displaying a second region  
15 corresponding to a second network object type, wherein the plurality of cells includes a  
16 second series of cells providing alert information for one or more objects of the second  
17 object type.  
18

19 34. The system according to claim 33, further including displaying alert information  
20 for all first object type devices in the first region and for selected ones of the first object  
21 type devices.  
22

23 35. The system according to claim 31, further including displaying a first date box and  
24 a second date box, and displaying alert information for the first date.  
25

26 36. The system according to claim 35, further including displaying alert information  
27 for the second date for comparison to the alert information for the first date.  
28

29 37. The system according to claim 31, further including receiving a user selection of  
30 the cell time period.

1    38.    The system according to claim 31, wherein the alert information includes at least a  
2    no alert status and alert status.

3

4    39.    The system according to claim 31, further including displaying a topographical  
5    map including a plurality of regions for displaying respective network object types  
6    associated with one or more alerts, the map corresponding to a particular cell in the  
7    summary view.

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9    40.    The system according to claim 39, further including displaying a graph of  
10   performance data for one or more of the network objects.

11

12   41.    The system according to claim 40, further including displaying statistical band  
13   information for the performance data.

14

15   42.    The system according to claim 40, further including displaying performance data  
16   for a metric selected by a user.